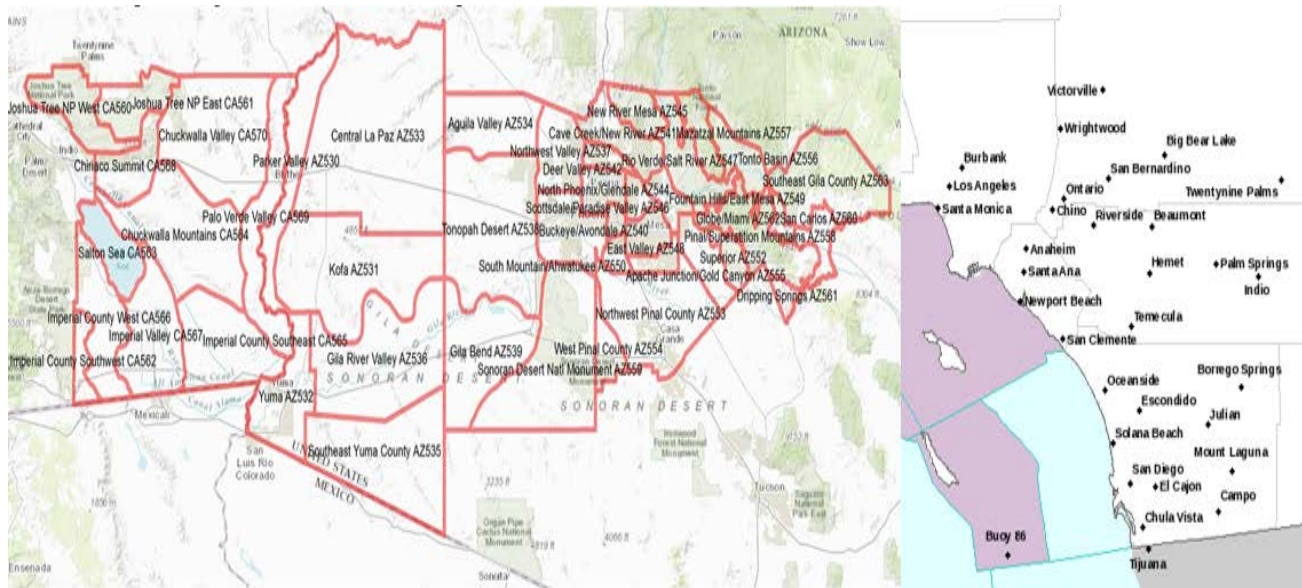


## Appendix A

### Public Notification That a Potential Event Was Occurring (40 CFR §50.14(c)(1))

**FIGURE A-1**  
**NATIONAL WEATHER SERVICE PUBLIC ZONES**



**Fig A-1:** Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

The Appendix Supplemental contains all the pertinent National Weather Service notices issued by either the San Diego or Phoenix office in date and time order.

## FIGURE A-2 Coachella Valley Wind Advisory

### Wind Advisory Issued for Coachella Valley, San Gorgonio

The advisory is in effect until 3 p.m. Tuesday

Palm Desert, CA

By ALEXANDER NGUYEN (Patch Staff) - September 14, 2015 4:54 pm ET

<http://patch.com/california/palmdesert/wind-advisory-issued-coachella-valley-san-gorgonio/3/16/2016/11/29/11AM>  
Wind Advisory Issued for Coachella Valley, San Gorgonio | Patch



A strengthening onshore flow has prompted the National Weather Service to issue a Wind Advisory for the desert and San Gorgonio area.

The advisory is in effect until 3 a.m. Tuesday.

The onshore flow will create strong and gusty winds in the Coachella Valley and San Gorgonio Pass on Monday afternoon and evening, according to NWS. Winds will weaken by early Tuesday morning.

Winds are expected to be west to north west at 20 to 30 mph with gusts up to 50 mph and local gusts of up to 60 mph.

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Winds are expected to increase Monday afternoon, peaking in the evening and

<http://patch.com/california/palmdesert/wind-advisory-issued-coachella-valley-san-gorgonio/3/16/2016/11/29/11AM>  
Wind Advisory Issued for Coachella Valley, San Gorgonio | Patch

<http://patch.com/california/palmdesert/wind-advisory-issued-coachella-valley-san-gorgonio/3/16/2016/11/29/11AM>  
Wind Advisory Issued for Coachella Valley, San Gorgonio | Patch

#### Merrick Garland to Supreme Court

- [Great News For Area's Children's Health Facilities](#)
- [Find Cheapest Gas In Palm Desert : Area Prices Up Again](#)
- [Who's Hiring in Palm Desert and Nearby This Week](#)

lowering after midnight, the NWS said.

Interstate 10 and 8 will be impacted by strong winds, resulting in hazardous driving conditions for high-profile vehicles, the NWS said.

Visibility will be reduced to 1 mile or less in blowing dust and sand, according to the NWS.

--Photo via Shutterstock

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#### More stories from Palm Desert

- [Great News For Area's Children's Health Facilities](#)
- [Find Cheapest Gas In Palm Desert : Area Prices Up Again](#)
- [Who's Hiring in Palm Desert and Nearby This Week](#)

#### Across California

- [2016 NCAA March Madness Basketball: All Picks, Full TV Schedule, Printable Bracket \(Banning-Beaumont, CA\)](#)

#### Trending Across Patch

- [Obama Nominates Centrist Merrick Garland to Supreme Court \(Washington DC, DC\)](#)

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**Fig A-2:** Is a copy of a news report containing a wind advisory issued for the Coachella Valley. Winds were expected to be 30 mph with gusts of 60 mph. Interstate 8 and 10 corridors were affected by the high winds with areas of blowing sand and dust and visibility reduced to one mile. Source: <http://patch.com/california/palmdesert/wind-advisory-issued-coachella-valley-san-gorgonio>

**FIGURE A-3**  
**IMPERIAL VALLEY AIR QUALITY ALERT**

**Imperial Valley Air Quality Alert**

**Brawley - 220 Main Street**

**Monday, September 14 - 7:00 PM**  
PM10 (24-hr average) AQI reached 104 - **Unhealthy for Sensitive Groups**

PM10 AQI 101-150 People with respiratory or heart disease, the elderly, and children are the groups most at risk, especially when they are physically active. There is an increased likelihood of respiratory symptoms in sensitive individuals, and aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly. U.S. EPA cautions that "people with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion." 'Prolonged' generally means four or more hours with short rest periods. 'Heavy exertion' is that which would increase the resting breathing rate four fold or greater. You can reduce exposure to particulate material by: - Reducing the intensity and duration of your outdoor activities - Postponing outdoor activities to days when particulate levels are lower

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**Current Maximum AQI for Other Imperial Valley Cities**

Calexico - Ethel Street: **Moderate** (PM2.5)

El Centro - 9th Street: **Moderate** (PM10)

Niland - English Road: **Good** (Ozone)

Westmorland - 570 Cook St: **Good** (Ozone)

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This notification was issued by the Imperial Valley Air Pollution Control District. Visit <http://www.imperialvalleyair.org> for current readings, ozone movies, and additional air quality information.

All observational data on this web site are not verified or validated and should be considered preliminary. From time to time error codes are included into the calculations for the AQI – for verification please contact the Air District office.

To change your AirAlert subscription, go to <http://www.imperialvalleyair.org/airalert.cfm>

For more information on how the AQI is calculated, visit [Air Now](#).

**Fig A-3:** Is a copy of the Imperial County Air Pollution Control District air quality alert advising residents of Imperial County that the Air Quality Index had reached a level that is considered "unhealthy for sensitive groups".



**FIGURE A-4**  
**IMPERIAL COUNTY DAILY WEATHER AND AG BURNING INFORMATION**

Imperial County Air Pollution Control District  
Daily Weather and Ag. Burning Information

Date: Monday, September 14, 2015

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	81	W-6	10
8 AM	86	WNW-3	10
9 AM	92	WNW-6	10
10 AM	96	NW-7	10
11 AM	99	NNW-5	10
NOON	102	VRBL-3	10
1 PM	105	VRBL-5	10
2 PM	106	VRBL-7	10
3 PM	106	VRBL-5	10
4 PM	106	VRBL-3	10
5 PM	106	SW-10	10
6 PM	106	SW-12	10
7 PM	99	SW-10	5

Max. Temperature yesterday was 108 degrees

Today's Mt. Signal Visibility at 7:30 AM YES NKX 12Z 500 MB Height \_\_\_\_\_  
1Y7 12Z 500 MB Height \_\_\_\_\_

**Forecasts**  
**High Today** 96-101 Local Forecast \_\_\_\_\_ Computer Forecast \_\_\_\_\_  
(Issued 8 AM Local) (RUC 40KM 12Z)

Est. Time Mixing Height reaches 3000 feet \_\_\_\_\_ **10:00 a.m.**  
Forecast of Maximum Mixing Height \_\_\_\_\_ feet **11,880** feet  
Forecast for Morning surface winds SW 5-15 mph **SW 5-15** mph  
Forecast for afternoon surface winds SW 15-25 mph **SW 15-25** mph  
Forecast for evening surface winds SW 15-25 mph  
Forecast 10 AM - 3 PM transport winds SW 15-25 mph

Comments/Complaints: 15 TO 25 WINDS IN THE AFTERNOON

Burn Hours \_\_\_\_\_ ARB No Burn Day \_\_\_\_\_ District called No Burn Day X  
Total actually burned today \_\_\_\_\_ acres Crops burned \_\_\_\_\_  
IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int FG

**Fig A-4:** A copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on September 14, 2015

**FIGURE A-5**  
**AIR QUALITY FORECAST**

### **Air Quality Forecast**

<b>Pollutant</b>	<b>Imperial Valley</b>						
	<b>Sun 09/13</b>	<b>Mon 09/14</b>	<b>Tue 09/15</b>	<b>Wed 09/16</b>	<b>Thu 09/17</b>	<b>Fri 09/18</b>	<b>Sat 09/19</b>
O3	50	42	42	43	47	50	51
PM2.5	55	38	33	29	38	46	50
PM10	57	61	58	53	42	42	37

#### **Discussion**

Today and tomorrow, an upper-level trough of low pressure moving over California will increase atmospheric mixing, and moderate to strong westerly winds will disperse pollutants in the Imperial Valley. However, these winds will also generate blowing dust, increasing particle concentrations. As a result, AQI levels will be Moderate for PM10 on both days.

*Issued 9:29 AM on Monday, September 14, 2015*

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**Fig A-5:** Is a copy of the Air Quality Forecast for Imperial Valley issued September 14, 2015. Note that it calls for strong westerly winds create by an upper level trough. It also forecasts that the winds will generate blowing dust in the area. Although the forecast was for moderate PM<sub>10</sub>, Brawley in fact had lower air quality as a result of the dust lofted by the gusty winds.

**FIGURE A-6**  
**IMPERIAL COUNTY AFFIDAVIT 30 DAY PUBLIC NOTICE**

**AFFIDAVIT OF PUBLICATION**  
**(2015.5 C.C.P.)**

**STATE OF CALIFORNIA**

**County of Imperial**

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk\* of the printer of the

**Imperial Valley Press**

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

04/20 .

all in the year 2018

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

  
 SIGNATURE

Name of Account: I C AIR POLLUTION  
 CONTROL  
 Order Number: 11171755  
 Ad Number: 31397051

\* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 20 th day of April, 2018.  
 at El Centro, California.

This space is for the County Clerk's  
 Filling Stamp:

**RECEIVED**  
**APR 23 2018**  
**AIR POLLUTION**  
**CONTROL DISTRICT**

Proof of Publication of:

**NOTICE OF AVAILABILITY  
 OF THE DEMONSTRATION OF THE OCCURRENCE  
 OF SEVEN EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared seven Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion of measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a Federal Reference Method monitor (FRM) or with a continuous Federal Equivalent Method monitor (FEM) are the seven Draft EE's.

2014				2015			
August 18	FEM	162	ug/m3	September 14	FEM	168	ug/m3
Niland				Brawley			
October 31 - November 1				October 01	FEM	171	ug/m3
Niland	FEM	181	ug/m3	Niland			
Brawley	FRM	471	ug/m3	October 04	FEM	166	ug/m3
Westmorland	FRM	404	ug/m3	Brawley			
Niland	FRM	173	ug/m3	Westmorland	FEM	250	ug/m3
Niland	FEM	219	ug/m3				
November 16				December 26	FRM	165	ug/m3
Brawley	FEM	210	ug/m3	Westmorland			
Niland	FEM	249	ug/m3	Westmorland	FEM	198	ug/m3

The public and all interested parties are encouraged to review and comment on the seven Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2014 and 2015 Air District air monitors were affected by entrained elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event entrained PM10 into the region affecting areas within San Diego, Riverside, Yuma and Imperial counties. The seven Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is May 21, 2018 by close of business.

The seven Draft EE's for days listed above are available for download at the Air District website at [www.co.imperial.ca.us](http://www.co.imperial.ca.us), under "Air Pollution". To view a hard copy of any of the eight Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

L926 A20

**Fig A-6:** A copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Event Demonstration for September 14, 2015. The date for closing comments was May 21, 2018

**FIGURE A-7**  
**IMPERIAL COUNTY**  
**COMMENTS REGARDING THE SEPTEMBER 14, 2015 EE DEMONSTRATION**

The ICAPCD did not receive any comments